



Dr. Dennis N. Bingham

An accomplished researcher in liquid natural gas technologies

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Education: Dr. Dennis N. Bingham received his B.S. in mechanical engineering from Brigham Young University in 1973, his M.E. in mechanical engineering from BYU in 1973, and his Ph.D. in mechanical engineering from Clemson University in 1977.

Work experience: He is a consulting scientist/engineer at the Idaho National Laboratory. He has been employed at the INL since 1989, with the exception of a two-year period in which he was Vice President of Research and Development for ZawTech International. Prior to coming to INL, Dr. Bingham worked in engineering management for Lockheed at the White Sands Missile Range. He has taught numerous engineering courses as assistant professor at Union College in New York and Texas A&M University.

Licensing information

For information on licensing INL technologies such as those developed by Dr. Bingham, contact the Lead Account Executive for Non-Nuclear Energy:

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Professional endeavors: Dr. Bingham seeks to enhance and apply automation technologies such that the application of these technologies is cost-effective and justifiable, and to lead teams in technology design, integration and application for the betterment of the environment and mankind. As a registered professional engineer, he continually seeks knowledge and its application in all aspects of the engineering profession.

Patents:

U.S. Patent No. 5,456,629 -- Method and Apparatus for Cutting and Abrading with Sublimable Particles

U.S. Patent No. 5,493,308 -- Close Range Fault Tolerant Noncontacting Position Sensor

U.S. Patent No. 5,733,174 -- Method and Apparatus for Cutting, Abrading, and Drilling with Sublimable Particles and Vaporous Liquids

U.S. Patent No. 6,105,390 -- Apparatus and Process for the Refrigeration, Liquefaction and Separation of Gases with Varying Levels of Purity

U.S. Patent No. 6,125,637 -- Systems for Delivering Liquefied Natural Gas to an Engine

U.S. Patent No. 6,183,348 -- Methods and Apparatuses for Cutting, Abrading, and Drilling

U.S. Patent No. 6,305,265 -- Method and Apparatus for Pressurizing Vaporous Fluids

U.S. Patent No. 6,375,422 -- Apparatus for Pumping Liquids at or Below the Boiling Point

U.S. Patent No. 6,425,263 -- Apparatus and Process for the Refrigeration, Liquefaction and Separation of Gases with Varying Levels of Purity

U.S. Patent No. 6,494,191 -- Systems and Method for Delivering Liquefied Gas to an Engine